

# SYSTEM AND METHOD FOR MAGNETIZING BLOCKS ON A MAGNET ASSEMBLY OF AN MRI DEVICE

## Abstract

A system and a method for magnetizing one of a plurality of substantially non-magnetized blocks disposed on a plate of a magnetic assembly used in an MRI device are provided. The system includes first and second arm portions operably coupled together. The system further includes a first electromagnetic coil disposed on a first end of the first arm portion, wherein the first electromagnetic coil is configured to generate a magnetic field that propagates from the first electromagnetic coil through at least one non-magnetized block and the plate and further through the first and second arm portions to magnetize the block.